Command & Control Integration Division DOTMLPF Working Group (C2ID DWG)

26-30 March 2007

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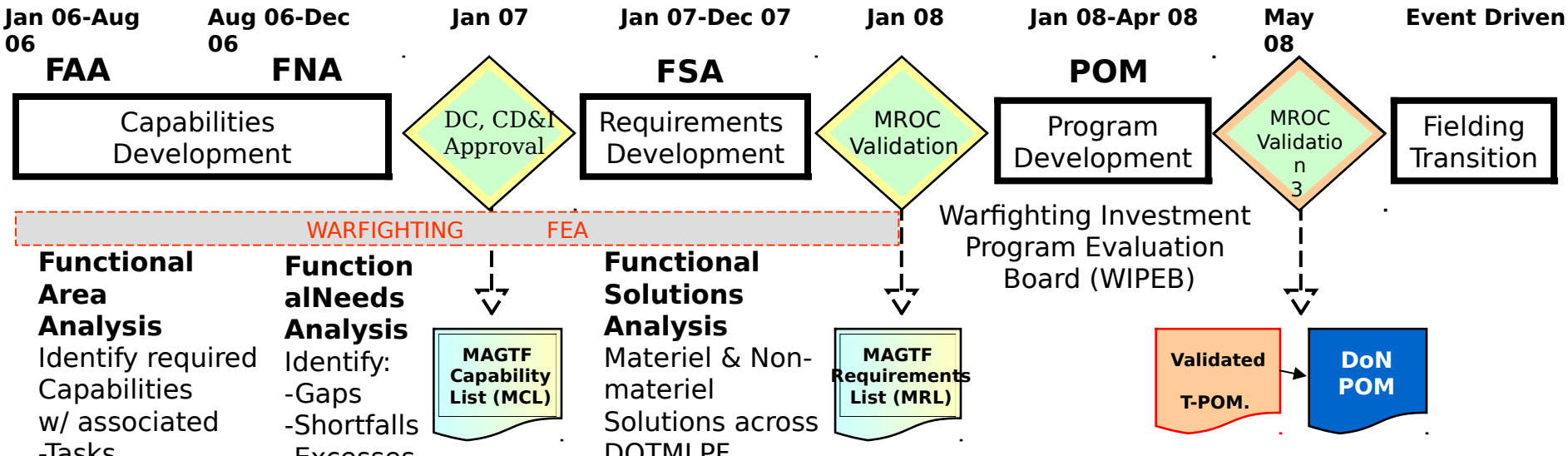
MAGTF Integration Division

Today (Monday, 26 April)

- **0800: DWG Convenes/MITRE Facility Orientation (Mr. Kevin McHale)**
  - **Sign in/Refreshments/Head calls/Etc.**
  - **Turn off cell phones, pagers, watch alarms, etc.**
- **0815: DWG Brief (Maj Brooks)**
  - **Introductions & Brief**
- **0845: DO Brief (Mr. Chris O'Connor)**
- **0930: C2ID Director's Remarks (Col Fritz)**

POM-10 Expeditionary Force Development System (EFDS)



Functional Area Analysis
Identify required Capabilities w/ associated
-Tasks
-Conditions
-Standards

FunctionalNeeds Analysis
Identify:
-Gaps
-Shortfalls
-Excesses

Functional Solutions Analysis
Materiel & Non-materiel Solutions across DOTMLPF

MAGTF Capabilities List (MCL)

- Prioritized list of capability gaps by Warfighting Function.

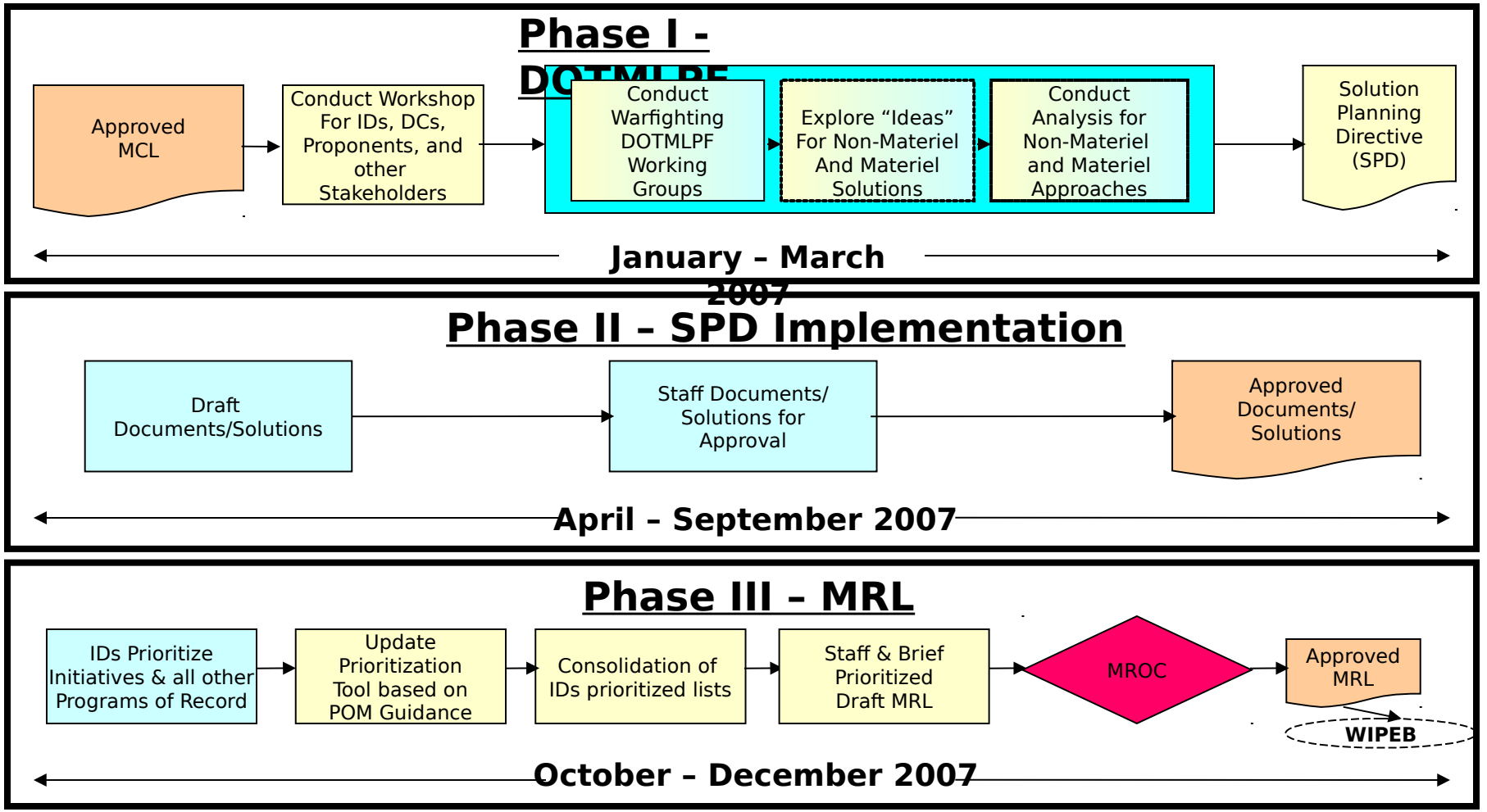
MAGTF Requirements List (MRL)

- Integrated/Prioritized, and fiscally informed requirements list.
- Derived from MCL.
- Materiel / non-materiel alternatives identified.
- Used to identify POM impact year warfighting requirements to compete for funding.

Nov 08 -Jan 09 Tentative POM

- CMC approves
- Navy and Marine Corps T-POMs are combined into the DoN POM and submitted to SECDEF.

Functional Solution Analysis (FSA)

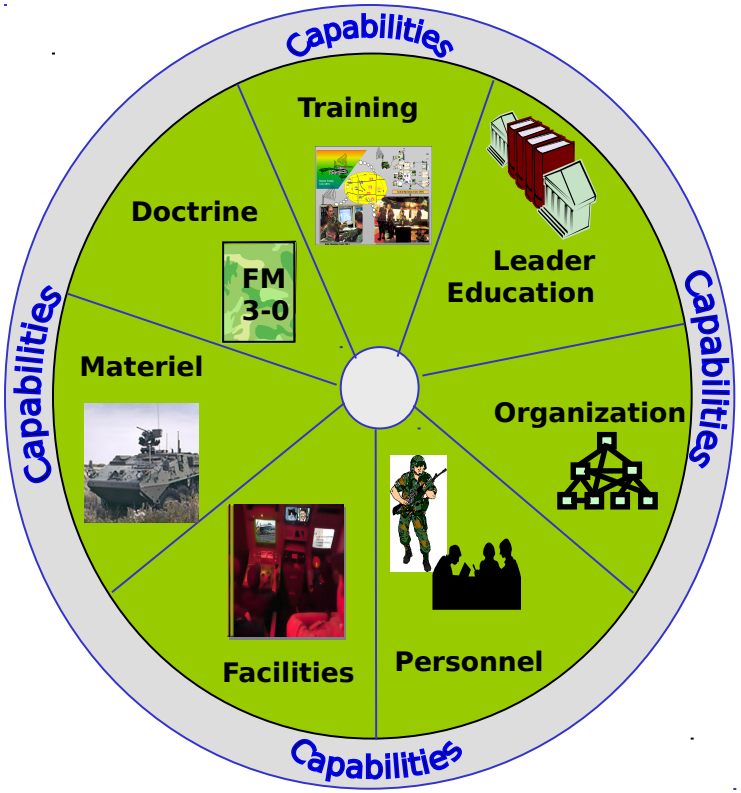

Phase I - DOTMLPF
Approved MCL
Conduct Workshop For IDs, DCs, Proponents, and other Stakeholders
Conduct Warfighting DOTMLPF Working Groups
Explore "Ideas" For Non-Materiel And Materiel Solutions
Conduct Analysis for Non-Materiel and Materiel Approaches
Solution Planning Directive (SPD)
January – March 2007
Phase II – SPD Implementation
Draft Documents/Solutions
Staff Documents/ Solutions for Approval
Approved Documents/ Solutions
April – September 2007
Phase III – MRL
IDs Prioritize Initiatives & all other Programs of Record
Update Prioritization Tool based on POM Guidance
Consolidation of IDs prioritized lists
Staff & Brief Prioritized Draft MRL
MROC
Approved MRL
WIPEB
October – December 2007

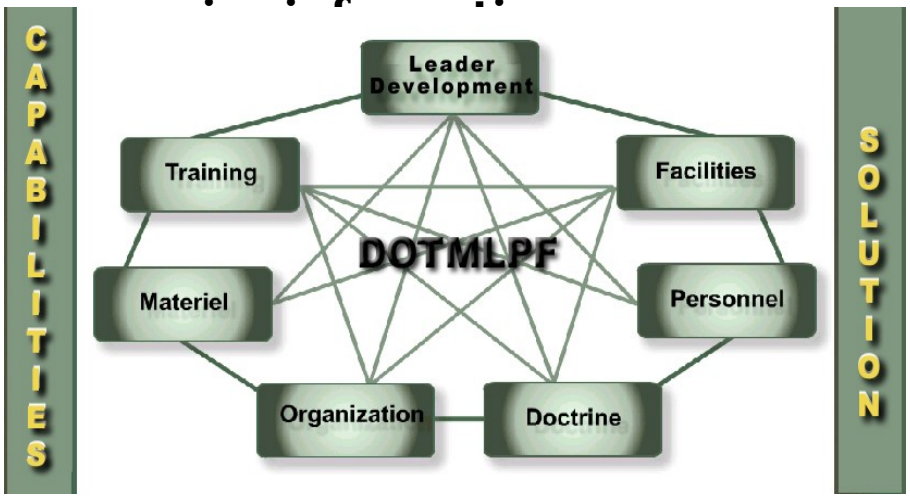
DOTMLPF and Capability

A Warfighting capability provides means to accomplish a mission or task decisively

Warfighting capability is embodied in

- *organizations* **of well-***trained Marines*
- **with superior** *equipment*
- **employing sound** *doctrine*
- **led by competent and confident** *leaders* **who understand their organizations' potential and are empowered in combat by**





DOTMLPF Analysis

Doctrine

- **Is there existing doctrine that addresses the issue or relates to the issue? Joint? Service? Agency?**

- **Are there operating procedures in place that are NOT being followed which contribute to the issue?**

- **If no doctrine or procedures are in place which pertain to the issue, do new doctrine or new procedures need to be developed and implemented which provide either a complete or partial solution to the issue?**

DOTMLPF Analysis (cont'd)

Organization

- **Where is the problem occurring? In which organizations is the problem occurring?**
- **What is the mission/management focus of those organizations?**
  - **Primary and secondary missions**
- **What are the organizational values and priorities?**
- **Is the organization properly staffed and funded to deal with the issue?**
- **Are commanding officers/senior management aware of the issues?**
- **Is the issue already in some type of organizational issue list (CC IPL)?**
- **If so, why isn't the issue being resolved?**
- **Who exactly is aware of/impacted by the issue?**

DOTMLPF Analysis (cont'd)

Training

- **Is the issue caused, at least in part, by a complete lack of or inadequate training?**
- **Does training exist which addresses the issue?**
- **Is the training being delivered effectively?**
- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**
- **Do personnel affected by the issue have access to training?**
- **Is training properly staffed and funded?**

DOTMLPF Analysis (cont'd)

Materiel

- **Is the issue caused, at least in part, by inadequate systems or equipment?**

- **What current systems are in the Family-of-Systems where the problem is occurring?**

- **What functionality would a new system provide that currently does *not* exist?**

- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**

- **Who would be the primary and secondary users of the proposed systems or equipment?**

DOTMLPF Analysis (cont'd)

Leadership & Education

- **Is the issue caused, at least in part, by inability or decreased ability to cooperate/coordinate/ communicate with external organizations?**

- **Do the senior officers understand the scope of the problem?**

- **Does the command have resources at its disposal to correct the issue?**

- **Has the command properly assessed the level of criticality, threat, urgency, risk, etc., of the operational results of the issue?**

- **Is senior leadership aware of the drivers and barriers to resolving the issue within their organization?**

- **Does the issue affect CC or JTFs in conducting Joint**

DOTMLPF Analysis (cont'd)

Personnel

- **Is the issue caused, at least in part, by inability or decreased ability to place qualified and trained personnel in occupational specialties?**

- **If issue resolution is likely to involve new materiel, systems, or equipment, are different occupational specialty codes needed to properly staff new systems?**
  - **Primary users**
  - **Maintenance personnel**
  - **Support personnel**

- **Do new training programs need to be developed for newly recruited personnel?**

DOTMLPF Analysis (cont'd)

Facilities

- **Is the issue caused, at least in part, by inadequate infrastructure?**
- **If so, was issue a result of**
  - **Aging/wear?**
  - **New engineering did not meet needs?**
  - **Battle damage/threat?**
- **Was issue caused by lack of proper environmental controls?**
- **Was issue caused, at least in part, by inadequate:**
  - **Roads/trails?**
  - **Main supply routes?**
  - **Force beddown?**
  - **Facilities operation and maintenance?**
  - **Hardening?**
  - **Field fortification support?**

Ideas for Materiel Approaches

If materiel development *is* the answer, the next FSA step simply provides potential materiel solutions:

- **Functional SMEs from the MC develop ideas for non-system specific materiel approaches which consider:**
  - **Range of military operations, conditions set by concepts and architectures**
  - **Changes in quantity of existing equipment**
  - **Product improvements to existing materiel**
  - **The acquisition of other service, interagency, or foreign military approaches**

- **Result: A list of materiel approaches based on technical maturity, timeliness of delivery, potential for full capability.**

DOTMLPF Assessment Guide for ID Gaps

	RESPONSIBLE AGENCY	NON-MATERIEL	MATERIEL
POA&M	MID (FEA Branch Lead)	Develop SPD	
DOCTRINE	DC, CD (Doctrine) (MID Lead)		
ORGANIZATION	DC, CD (TFSD) (TFSD Lead)		
TRAINING	DC, CD (TECOM) (TECOM Lead)		
LEADERSHIP	ADVOCATE		
PERSONNEL	DC, M&RA (M&RA Lead)		
FACILITIES	DC, I&L (LF Lead)		
MATERIEL	CDD (IDs Lead)		
CONCEPT OF EMPLOYMENT			

Analysis of Materiel / Non-Materiel Approaches (AMA)

An analysis of materiel and non-materiel approaches (or combination of):

- Determines how well proposed approaches:
  - address capability gaps
  - provide the desired effects

- Is based on technical maturity, technical risk, supportability, affordability

Solution Planning Directive (SPD)

- **Documents DOTMLPF "requirements" so that they can be approved, tasked, and tracked.**

- **Signed by DC, CD&I**

  - **Explains the FSA process that led up to the DWG solutions**

  - **References the CDIB approval to proceed with the required documentation**

  - **Describes DC, CD&I's intent that the solutions become the basis for WIPEB**

- **Enclosures will contain the prioritized GAPS and schedule to proceed with the documentation, coordination, and staffing by warfighting function.**

Summary

- **Start with Networking Group of Gaps.**
- **Address concerns specifically with 'Top Ten' gaps within each Group, and generally with 11-*n* gaps.**
- **Solution sets for Top Ten gaps will be determined before moving to the next Capability Group.**
- **Work methodically through DOT*m*LPF.**
- **New materiel solution is least preferred method.**
- **If solution is new materiel, then what are the impacts on the other pillars?**
- **SPD will be developed based upon the above work.**

QUESTIONS?

C2 DWG Weekly Agenda

Monday, 26 April	Tuesday, 27 April	Wednesday, 28 April	Thursday, 29 April	Friday, 30 April
0800-1130: • 0800: DWG Convenes • 0815 DWG Brief • 0845 DO Brief • 0930 C2ID Director's Remarks	**0800-1130:** Networking Gaps: (cont'd)	**0800-1130:** A.O./Briefer: Maj Michael Hague Positive ID of Friendly Forces Gaps: 5, 10, 13, 21, 24	**0800-1130:** A.O./Briefer: Maj Dennis Hart Synchronize Execution Gaps: 3, 6, 19, 20	**0800-1130:** • Review DOTLPF impacts across gaps • Review SPD alignment • DWG Adjourns
1300-1630: A.O./Briefer: Maj Max Green Networking Gaps: 2, 4, 8, 16, 17, 23, 26 Collaboration Gaps: 9,12, 14, 22, 29 Positive ID gaps: 1, 31	**1300-1630:** Networking Gaps: (cont'd)	**1300-1630:** A.O./Briefer: LtCol M. L. Shank Conduct IA Gaps: 7, 11, 18	**1300-1630:** A.O./Briefer: Maj Dennis Manaco Plan Collaboratively Gaps: 15, 25, 27, 28, 30	**1300-1630:** • SPD Core Development Team (at MCCDC, Quantico)